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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/477,131 01/03/00 MUSIOL

L GR-97-P-1865

MM91/0119

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EXAMINER

I.F.D.

ART UNIT

PAPER NUMBER

2816

DATE MAILED:

01/19/01

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

# Office Action Summary

Application No.

09/477,131

Applicant(s)

MUSIOL et al.

Examiner

DINH LE

Group Art Unit

2816

☒ Responsive to communication(s) filed on Nov 20, 2000

☒ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claims

☒ Claim(s) 1-7 is/are pending in the application.

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

☐ Claim(s) \_\_\_\_\_ is/are allowed.

☒ Claim(s) 1-7 is/are rejected.

☐ Claim(s) \_\_\_\_\_ is/are objected to.

☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

Art Unit: 2816

## **NON-FINAL REJECTION**

### ***Response to Applicant's Amendment***

The rejection under 35 U.S.C. 112, second paragraph, is withdrawn in view of the amendment to the claims.

### ***A New Ground of Rejection***

The newly found art references necessitated a new ground of reaction as below:

### ***Claim Rejections - 35 U.S.C. § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-4 are rejected under 35 U.S.C. 103 (a) as being unpatentable over Jou (US Pat. 5,625,894) in view of Naimpally et al. (US Pat. 4,207,590).

Figure 4 of the Jou reference discloses a filter circuit comprising an inductor coupled between a node (445) and a node (420), a first parallel LC coupled between a node (435) and the

Art Unit: 2816

node (455), a first capacitor coupled between a node (410) and the node (435), a second capacitor coupled between the node (455) and the node (445), a second parallel LC (465) coupled to the node (455) and a third parallel LC (45) coupled to the node (445) but does not disclose that each of the second parallel LC and the third parallel LC includes a series capacitor as called for in the claims. Figure 2 of Naimpally et al teaches a filter (275) comprising a series capacitor (225) coupled to a parallel LC (223, 224) for attenuating harmonic frequencies, see column 5, lines 45-50. It would have been obvious at the time the invention was made to a person having ordinary skill in the art to employ the series capacitor taught by Naimpally et al in the circuit of Jou for the purpose of attenuating harmonic frequencies.

Claims 5-7 are rejected under 35 U.S.C. 103 (a) as being unpatentable over Takayama (US Pat. 5,483,209) in view of Jou (US Pat. 5,625,894) and Naimpally et al. (US Pat. 4,207,590).

Figure 1 of Takayama discloses a filter circuit with all of the limitations of the claimed invention but does not disclose the detailed structure of the filtered as called for in the claims. Figure 4 of Jou in view of Naimpally teach a bandpass filter for attenuating harmonic frequencies. It would have been obvious at the time the invention was made to a person having ordinary skill in the art to employ the modified bandpass filter taught by Jou in view of Naimpally et al in the circuit of Takayama for the purpose of attenuating harmonic frequencies.


Art Unit: 2816

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Dinh Le whose telephone number is (703) 305-3790. The examiner can normally be reached on Monday to Friday from 7:00 A.M. to 5:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tim Callahan, can be reached on (703) 308-4876. The fax phone number for this Group is (703) 308-7725.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0956.

  
DINH LE  
Primary Examiner  
Art Unit: 2816

January 12, 2001